"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.Ya.

Methane emanations in Prokopyevsk deposit mines, in the Kuznetsk Basin. Trudy Inst. gor. dela 4:176-188 '57. (MLRA 10:6)
(Kuznetsk Basin--Methane)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, I. Ya.

27213 Rapoport, I. Ya. Kratkoobratimye V Dvenadtsat' Let Vrachebn. Delo, 1948, No. 6, Str. 543-44

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M. YU.

42707. RAPOPORT, M. YU. Izucheniye Periodov Travmaticheskogo Zabolevaniya Golovnogo Mozga Posle Ego PronikaYushchikh Ranenij. Trudy In-ta Neyrokhirurgii Im Burdenko, T. I, 1943, s. 161-200.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M. YU.

33451. Vital'naya Mikroskopiya raduzhnoy Obolochki Glaza Lyagushki, Kak Metod Izucheniya Pronitsayemosti Kapillyarnoy Stenki Uchen. Zapiski, (Chernovits. Gos. Med. In-ta), T. 1, 1949, c. 60-63.

SO. Letopis' Zhurnal'Nykh Statey, Vol. 45, Moskva, 1949

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.U.

Mechanism of the effect of intravenous conductivity of anisotropic solutions and, in rate, of hypertonic solution of glucose. Ter.arkh. 22 no.2:77-83 Mr-Ap '50. (CLML 19:3)

1. Chernovitsy.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

TUMSKOY, V.A., dotsent; ARENDT, A.A., professor, zaveduyushchiy; YEGOROV, B.G., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, direktor; RAPOPORT, M.Yu., professor, rukovoditel' nevrologicheskogo sektora.

Analysis of focal phenomena in the epileptic syndrome in brain injuries. Vop.neirokhir. 17 no.3:23-30 My-Je '53. (MLRA 6:8)

1. Kafedra neyrokhirurgii TSentral'nogo instituta usovershenstvovaniya vrachey Ministerstva zdravookhraneniya SSSR (for Tumskoy and Arendt). 2. Institut neyrokhirurgii imeni akademika N.N.Burdenko Akademii meditsinskikh nauk SSSR (for Tumskoy, Yegurov and Rapoport). 3. Akademiya meditsinskikh nauk SSSR (for Yegorov).

(Brain--Wounds and injuries) (Epilepsy)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M. Yu.

LINCHENKO, N.M., (Moscow); YEGOROV, B.G., chlen-korrespondent Akademii meditsinskikh nauk SSSR, professor, direktor; RAPOPORT, M.Yu, professor, nauchnyy rukovoditel'.

Diagnosis of chronic inflammatory processes of the cerebrum and of its membranes with an occulsion at the level of the posterior cranial fissure. Vop.neirokhir. 17 no.2:39-46 Mr-Ap '53. (MLRA 6:5)

1. Institut neyrokhirurgii imeni akademika N.N. Burdenko Akademii meditsinskikh nauk SSSR. 2. Akademiya meditsinskikh nauk SSSR (for Yegorov).
(Brain--Inflammation)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.Yu.

KORST, L.O.; RAPOPORT, M.Yu., professor, rukovoditel'; YEGOROV, B.G., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, direktor.

Basic principles in the diagnosis of tumors of the parietal lobes. Vop. neirokhir. 17 no.3:15-22 My-Je '53. (MLRA 6:8)

1. Nevrologicheskiy sektor Instituta neyrokhirurgii imeni akademika N.N.Burdenko Akademii meditsinskikh nauk SSSR (for Korst and Rapoport). 2. Institut neyrokhirurgii imeni akademika N.N.Burdenko Akademii meditsinskikh nauk SSSR (for Yegorov). 3. Akademiya meditsinskikh nauk SSSR (for Yegorov). (Brain--Tumors)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.Yu., professor.

Methods for more exact neurologic diagnosis of arachnoendotheliomas of the brain. Vopr.neirokhir. 18 no.1:47-58 Ja-F '54. (MLRA 7:4)

1. Iz Instituta neyrokhirurgii im. akademika N.N.Burdenko Akademii meditsinskikh nauk SSSR.

(Brain--Tumors)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.Yu., professor

Electroencephalography in diagnosis of cerebral tumors. Vop. neirokhir. 21 no.5:38-45 S-O '57. (MIRA 10:11)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akad. N.N.Burdenko Akademii meditsinskikh nauk SSSR.

(BRAIN NEOPLASMS, diagnosis,
EEG (Rus))
(ELECTROENCEPHALOGRAPHY, in var. dis.
brain tumors (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.Yu.; TUMSKOY, V.A.

Pathophysiological concept of clinical aspects of slight cranio-cerebral injuries. Vop.neirokhir. 21 no.1:3-9 Ja-F '57. (MLRA 10:3)

1. Nauchno-issledovatel'skii ordena Trudovogo Krasnogo Znameni institut neyrokhirugii imeni akad. N.N.Burdenko Akademii meditsinskikh nauk SSSR.
(BRAIN, wounds and injuries
clin. aspects of closed inj.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

LURIYA, A.R., prof.; RAPOPORT, M.Yu., prof.

Multivalence of symptoms in the topical diagnosis of brain lesions. Vop.neirokhir. 28 no.4:6-10 Jl-Ag '64. (MIRA 18:3)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni Institut Neyrokhirurgii imeni Burdenko (dir. - prof. A.I. Arutyunov) AMN SSSR, Moskva.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M. Yu., prof. (Moskva)

Neurological evaluation of acute and prolonged respiratory disorders in the light of prognostic judgment. Vop. neirokhir. 27 no.4:6-11 Jl-Ag'63 (MIRA 17:2)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni N.N.Burdenko (dir. - prof. B.G. Yegorov) AMN SSSR.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

LURIYA, A.P., prof.; RAPOPORT, M.Yu. (Moskva)

Regional symptoms in disorder of the higher cortical functions in intracerebral tumors of the left temporal lobe. Vop.neirokhir. no.4:37-41 '62. (MIRA 15:9)
(BRAIN--TUMORS) (CEREBRAL CORTEX)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.Yu., prof. zasluzhennyy deyatel' nauki (Moskva)

Neurological sources of Russian neurosurgery. Vop.neirokhir. 25 no.1:34-38 '62. (MIRA 15:1)
(NERVOUS SYSTEM--SURGERY)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

BUNATYAN, Ye.A., kand.med.nauk; RAPOPORT, M.Yu., prof. zasluzhennyy deyatel' nauki (Moskva)

Neurological syndromes in the clinical picture of angioma of the cerebral hemispheres. Vop.neirokhir. 25 no.1:21-25 Ja '61. (MIRA 14:2)

1.Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(BRAIN—TUMORS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.Yu.

Trends in substantiating the diagnosis of neuroectodermal tumors of the cerebrum. Vop. neirokhir. 24 no. 3:14-19 My-Je '60.
(MIRA 14:1)

(BRAIN--TUMORS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M. YU.

GOFTARSH, R.V. (Leningrad); SHAKUNOV, A.I., glavnyy vrach; RAPOPORT, M.Yu., professor, nauchnyy rukovoditel'.

Primary cancer of the liver manifested by profuse gastric hemorrhage. Klin. med. 31 no.8:93 Ag '53. (MLRA 6:11)

1. 2-ye terapevticheskoye otdeleniye Basseynovoy klinicheskoy bol'nitsy im. Chudnovskogo. (Liver--Cancer) (Hemorrhage)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, M.Yu., prof., SIL'VESTROV, V.P., kand.med.nauk, PUSHKAREV, A.D., kand.med.nauk (Leningrad)

Hypnosis therapy of hypotensive vascular dystonia. Klin.med. 36 no.9:102-107 S '58 (MIRA 11:10)

1. Iz kafedry gospital'noy terapii No.1:(ispolnyayushchiy obyazannosti nachal'nika prof. M.L. Shcherba) Voyenno-meditsinskoy ordena Lenina akademii im. Kirova.

(HYPOTENSION, ther.
hypnosis (Rus))
(HYPNOSIS, ther. use
hypotension (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, Mikhail Moiseyevich; ZAVIDOVA, A.V., red.;
IL'YUSHENKOVA, T.P., tekhn. red.

[Machine accounting in agriculture] Mekhanizatsiia
ucheta v sel'skom khoziaistve. Moskva, Gosstatizdat,
1963. 130 p. (MIRA 17:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

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L 00932-66 EWT(l)/EWT(m)/EPF(c)/EWP(j)/T/EEC(b)-2 IJP(c) GG/RM

ACCESSION NR: AP5021287 UR/0020/65/163/005/1194/1197

AUTHOR: Kargin, V. A. (Academician); Sogolova, T. I.; Rapoport, N. Ya.

TITLE: The mechanism of action of nuclei in crystallizing polymers

SOURCE: AN SSSR. Doklady, v. 163, no. 5, 1965, 1194-1197, and insert facing p. 1153

TOPIC TAGS: organic crystal, crystal lattice structure, crystalline polymer, catalyzed crystallization, polystyrene, supercooling seed crystal, critical crystal size, induced crystallization, supercooled polymer

ABSTRACT: It was previously shown that the introduction of high-melting substances can initiate crystallization of polymers. The purpose of this work was to determine whether any solid particle, regardless of its chemical nature, can be introduced into a polymer and serve as a crystallization nucleus. Isotactic polystyrene was used as the polymer. Metal oxides and various high-melting organic compounds were introduced as seed crystals (2% by weight). It was found that the chemical nature of the seed crystals has a significant influence on their effectiveness as crystallization initiators. Hydrophilic inorganic crystals (quartz, oxides of zinc, aluminum, vanadium, and titanium) do not initiate crystallization of polystyrene, but do so effectively in the case of hydrophilic polymers, such as polycaprolactam. Organ-

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ACCESSION NR: AP5021287

3

ic crystals (indigo, alizarine, and 1,5-dinitroanthraquinone) initiate crystallization of isotactic polystyrene, apparently because of the better ability of polystyrene to wet their suffaces. Similarly, hydrophilic cotton fibers do not initiate crystallization of polystyrene, but become effective crystallization initiators after hydrophobization with zinc stearate. It was also found that the crystal lattice parameters of the seed crystal need not correspond to those of the crystallizing polymer. Thus the "seed crystals" are apparently not true crystallization initiators, but rather structure-forming centers which promote arrangement of polymer chains at the crystal surface into configurations favorable to incipient crystallization. This is further supported by data on the correlation of crystal-size limits and temperature. Apparently, no upper crystal-size limit exists. The lower crystal-size limits change symbatically with temperature. The results obtained suggest two effective ways of utilizing the above crystallization initiators: 1) to lower the crystallization temperature for a given melt temperature, and 2) to lower the temperature of the molten polymer for a given crystallization temperature. Orig. art. has: 1 table. [VS]

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physicochemical Institute)

4455

Card 2/3

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L 00932-66

ACCESSION NR: AP5021287 O

SUBMITTED: 02Mar65 ENCL: 00 SUB CODE: OC, SS

NO REF SOV: 003 OTHER: 003 ATD PRESS: 4077

Card 3/3 DP

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KARGIN, V.A., akademik; SOKOLOVA, T.I.; RAPOPORT, N.Ya.

Mechanism underlying the action of nucleus-forming agents in crystallizing polymers. Dokl. AN SSSR 163 no.5:1194-1 97 Ag '65. (MIRA 18:8)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

GORNOPOL'SKIY, A.; RAPOPORT, P.

New coal mining machinery. Prof.-tekh.obr. 12 no.12:19-21 D '55.
(MLRA 9:3)
(Coal mining machinery)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

AUTHOR: Rapoport, P., Mining Engineer 27-58-7-5/27

TITLE: High-Speed Sinking of Mining Shafts (Skorostnaya prokhodka shakhtnykh stvolov)

PERIODICAL: Professional'no-tekhnicheskoye obrazovaniye, 1958, Nr 7, pp 10-13 (USSR)

ABSTRACT: Soviet miners have achieved excellent results in speeding up the sinking of mining shafts. A world record in shaft sinking by the blasting method was achieved in the ventilating shaft "Butovskaya-Glubokaya" (Donbass) with 241.1 m per month. The equipment used was designed and introduced by the Giproshakhtostroymash in cooperation with the "Stalinshakhtoprokhodka" and consists of a three-story tightening platform, a two-story casing platform, a casing shield and five KS-3 - 4 loaders. The bottom platform holds Ch-2 type winches with 5 pneumatic loaders (KS-3 and BCh-IV) suspended from them. After each sinking cycle, the platform with the casing shield is lowered and the unprotected portion of the wall permanently reinforced. The weight of the entire platform construction and the casing shield is held by a system of counterweights arranged above the shaft (Figure 2). Figure 3 shows the KS-3 type loader which is used in vertical shafts of any diameter or

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depth, sunk by the blasting method. Figure 5 presents a core drilling device of the type UKB-3.6, intended for boring shafts of 3.6 m in diameter and constructed by the Giproshakhtostroymash. The machine is capable of sinking and reinforcing 80 m of shaft per month, performing all operations automatically. It is operated by a crew of only 11 men. The UKB-3.6 has successfully passed industrial testing.
There are 6 drawings.

1. Mining industry--USSR 2. Mining engineering 3. Mines--Equipment
4. Mines--Construction

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.

Rapoport, P. and Maksimov, A. - "New machines for mining coal (The MV-60 and VOM-2 coal-cutting machines and the US-3 coal planee'l," Prolzrod obucheniye, 19[illegible], No. 12, p. 18-19

SO: U-3600, 10 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 6, 1949).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.I., inzh.

Organization and mechanization of engineering design in the development of complex projects. Mekh.i avtom.proizv. 17 no.9:26-27 S '63. (MIRA 16:10)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.I.; GORNOPOL'SKIY, A.I.; DYSHEL'MAN, A.I., nauchn. red.

[Mine conveyor systems] Rudnichnye konveiernye ustanovki; obzor otechestvennykh i inostrannykh izobretenii. Moskva, TsNIIPI, 1965. 45 p. (MIRA 18:12)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KUZNETSOV, K.K.; RAPOPORT, P.I., inzh.

Greater use of scheduling charts in mine building. Shakht. stroi. 9 no. 12:1-4 D '65. (MIRA 18:12)

1. Direktor Vsesoyuznogo tsentral'nogo gosudarstvennogo instituta po proyektirovaniyu i tekhniko-ekonomicheskim obosnovaniyam razvitiya ugol'noy promyshlennosti (for Kuznetsov).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.I.

Standardization of electric mine locomotives. Standartizatsiia 29 no.3:27-31 Mr '65. (MIRA 18:5)

1. Vsesoyuznyy tsentral'nyy gosudarstvennyy institut po proyektirovaniyu i tekhniko-ekonomicheskim obosnovaniyam razvitiya ugol'noy promyshlennosti.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.I.

Standardization of equipment for tailing heaps. Standartizatsiia 28 no.1:14-17 Ja '64. (MIRA 17:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.I.

Interbranch unification and problems in the standardization of some kinds of mining equipment. Standartizatsiia 24 no.9:3-6 S '60. (MIRA 13:9)

(Mining machinery--Standards)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KUZNETSOV, K.K., inzh.; RAPOPORT, P.I., inzh.

Parametric series of mine cars. Ugol' 37 no.9:33-41 S '62. (MIRA 15:9)

1. Vsesoyuznyy tsentral'nyy gosudarstvennyy institut po proyektirovaniyu i tekhniko-ekonomicheskim obosnovaniyam razvitiya ugol'noy promyshlennosti.
(Mine railroads--Cars)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAFOPORT, Pavel Isaakovich, inzh.; MALEVICH, N.A., nauchn. red.

[Mine cars and electric locomotives] Rudnichnye vagonetki i elektrovozy. Moskva, TSentr. nauchno-issl. in-t patentnoi informatsii i tekhniko-ekon. issledovanii, 1964. 40 p. (MIRA 18:8)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

MITEYKO, A.I., inzh.; RAPOPORT, P.I., inzh.

Using electronic computers in developing the types of equipment. Mekh.i avtom.proizv. 16 no.5:34-38 '62. (MIRA 16:5)

(Mine railroads--Cars) (Electronic calculating machines)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

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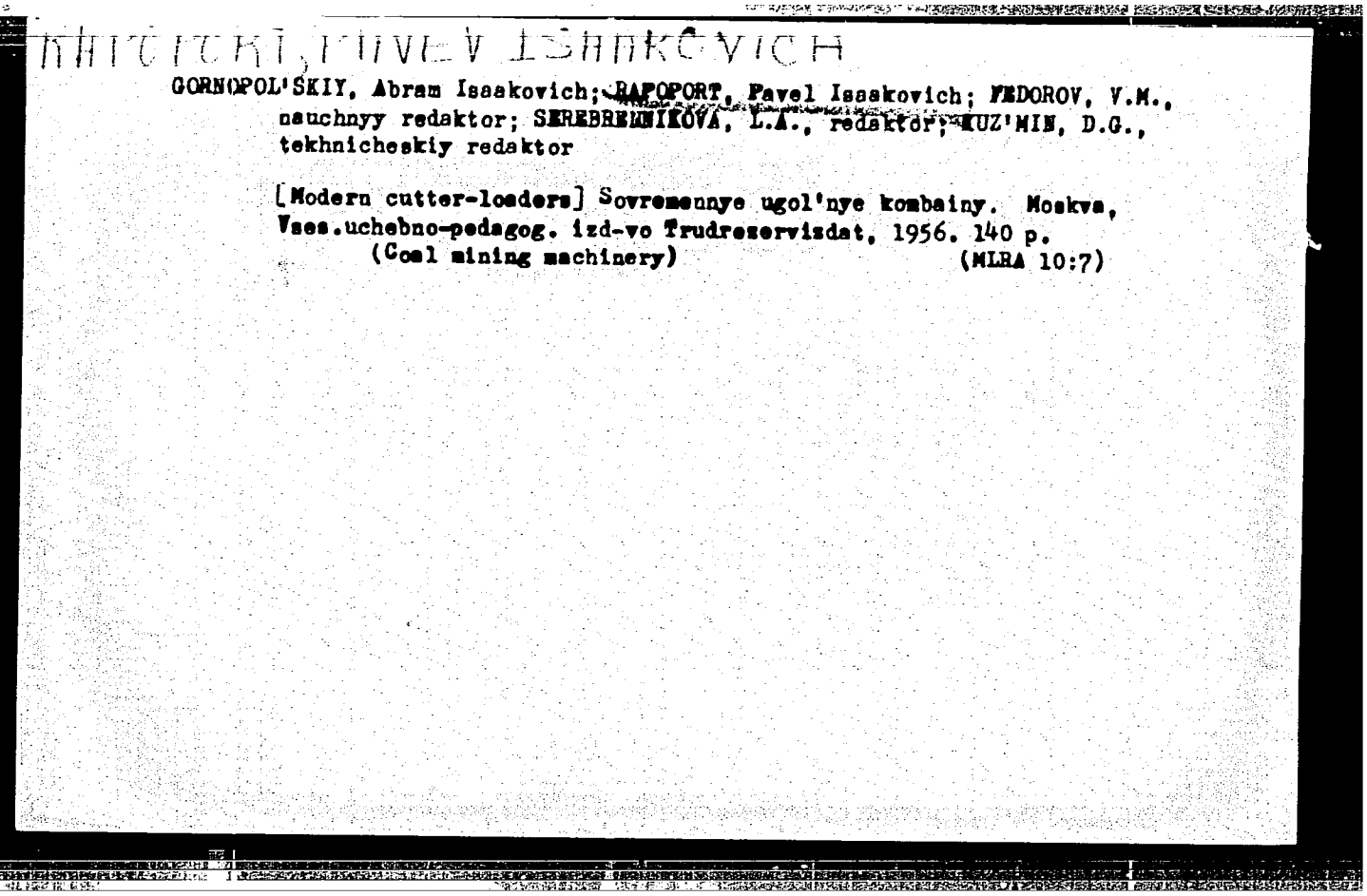

GORNOPOL'SKIY, Abram Isaakovich; RAPOPORT, Pavel Isaakovich; FEDOROV, V.M., nauchnyy redaktor; SEREBRENNIKOVA, L.A., redaktor; KUZ'MIN, D.G., tekhnicheskiy redaktor

[Modern cutter-loaders] Sovremennye ugol'nye kombainy. Moskva, Vses.uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 140 p.
(Coal mining machinery) (MLRA 10:7)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, Pavel Isaakovich; GORNOPOL'SKIY, Abram Isaakovich; PODLUBNYY, S.P., nauchnyy red.; ROMANOV, B.V., red.; GOROKHOV, Yu.N., tekhn.red.

[Modern coal mining machines] Sovremennye mashiny dlia prokhodki vyrabotok ugol'nykh shakht. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1958. 165 p. (MIRA 11:12)
(Coal mining machinery)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

GORNOPOL'SKIY, Abram Isaakovich; RAPOPORT, Pavel Isaakovich; KLORIK'YAN, V.Kh., otv. red.; KOSTON'YAN, A.Ya., red. izd-va; SABITOV, A., tekhn. red.

[Operation and repair of mining machinery; for electrotechnicians in mine construction] Ekspluatatsiia i remont gornoprokhodcheskogo oborudovaniia; dlia elektroslesarei na stroitel'stve shakht. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 410 p. (MIRA 14:6)

(Mining machinery—Maintenance and repair)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

GORNOPOL'SKIY, Abram Isaakovich; RAPOPORT, Pavel Isaakovich; PODLUBNYY, S.A. otvetstvennyy redaktor; NADEINSKAYA, A.A., tekhnicheskiy redaktor.

[Electrician engaged in operations of sinking vertical mine shafts] Elektroslesar' na prokhodke vertikal'nykh stvolov, shakht. Moskva, Ugletekhizdat, 1956. 247 p. (MLRA 10:4)
(Electricity in mining) (Shaft singing)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

23664

KLINIKA I LECHENIYE RANEVOY ANAER[illegible]NOY INFEKTSII. TRUDY SARAT. GOS. MED. IN-TA, T. VIII, 1949, S. 193-2[illegible]5.

SO: LETOPIS NO. 31, 1949

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.L.;ZAYTSEV, F.V.

In memory of I. M. Rabinovich. Khirurgiia, Moskva no. 10:88-89 Oct 1952. (CLML 23:3)

1. Obituary of Head of Department of General Surgery at Saratov Medical Institute.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

1. RAPOPORT, P. L., ZAYTSEV, F. V. (DOCENT)

2. USSR (600)

4. Physicians

7. In memory of I. M. Rabinovich. Khirugiia no. 10: 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncalssified.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

GORNOPOL'SKIY, A.; RAPOPORT, P.

Mechanization of shafts sinking. Prof.-tekhn.obr.13 no.3:16-18 Mr '56. (Shaft sinking) (MLRA 9:7)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.I., inzh.

New speed relay types used for controlling operations of automatic conveyers. Biul. TSNIICHM no.15:31-36 '57. (MIRA 11:5)
(Coal-handling machinery) (Automatic control)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P. E.

2119. MODERN CUTTER-LOADERS. (SOVREMENNYE UGOL'NYE KOMBAINY). Gornopol'skii, A. and Rapoport, P.I.: Moscow: Trudrezervizdat, 1956, 14Cpp., 3s.; title in Collet's Foreign Bk News, Nov. 1957, (17a), 2).

1 2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, P.I., inzh.

New equipment for shaft sinking. Biul. TSNIICHM no.23:1-12 '57. (MIRA 11:2)

(Shaft sinking--Equipment and supplies)
(Boring machinery)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

SOV/112-58-2-3117

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 2, p 206 (USSR)

AUTHOR: Rapoport, R. A.

TITLE: An Investigation of the Optimum Arrangement of Radiators in a Cophasal Horizontal Antenna (Issledovaniye optimal'nogo raspolozheniya vibratorov sinfaznoy gorizontal'noy antenny)

PERIODICAL: Tr. Odessk. elektrotekhn. in-ta svyazi, 1956, sb. Nr 4(14), pp 1-6

ABSTRACT: Bibliographic entry.

Card 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, R.E.,
STERKIN, F. Ya., Bull. biol. med. exptl. 8, 468-71 (1939)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

DOSSER, Ye.M.; RAPOPORT, R.I.; YERMAKOVA, M.N.; VOINOV, I.I.; PLOTNIKOV, N.P.

Results of transporting the renal cells of monkeys. Trudy Mosk. nauch.-issl. inst. virus. prep. 2:232-235 '61. (MIRA 17:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, R.I.; DOROFEYEV, V.M.; SHEBOLDAYEVA, A.D.; LEBEDEVA, L.I.

Effect of the monkeys' age on the morphology of a culture of testicular cells on their susceptibility to the poliomyelitis virus. Trudy Mosk. nauch.-issl. inst. virus. prep. 2:246-253 '61. (MIRA 17:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

ANDZHAPARIDZE, O.G.; BOGOMOLOVA, N.N.; RAPOPORT, R.I.

Comparative sensitivity of the cells in primary cultures of various swine embryo tissues to the destructive action of the tick-borne encephalitis virus. Vop.virus 7 no.5:534-536 S-O '62.
(MIRA 15:11)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

(ENCEPHALITIS VIRUSES) (TISSUE CULTURE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

DOSSER, Ye.M.; DOROFEYEV, V.M.; FADEYEVA, L.L.; RAPOPORT, R.I.; SHEBOLDAYEVA, A.D.

Multiplication of the measles virus in tissue cultures of different animals. Vop.virus 7 no.4:11-17 Jl-Ag '62. (MIRA 15:8)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

(MEASLES) (TISSUE CULTURE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

GENDON, Yu.Z.; DOSSER, Ye.M.; RAPOPORT, R.I.; GENKINA, F.B.

Developing a method for the preparation of tissue smallpox vaccine. Vop. virus 8 no.1:114-115 Ja-F'63. (MIRA 16:6)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.
(SMALLPOX) (VACCINES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

ZALKIND, S.Ya.; RAPOPORT, R.I.; DOROFEYEV, V.M.

Cytochemical study of testicular tissue culture of the monkey.
TSitologiia 6 no.1:81-85 Ja-F '64. (MIRA 17:9)

1. Laboratoriya virusnoy tsitologii Nauchno-issledovatel'skogo instituta virusnykh preparatov, Moskva.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

DOSSER, Ye.M.; DOROFEYEV, V.M.; RAPOPORT, R.I.

Cultivation of the measles virus in human diploid cells. Vop. virus. 9 no.6:696-701 N-D '64. (MIRA 18:11)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, R.I.; KOKOVIKHINA, K.I.; VARSHAVER, N.B.; YEMMAKOVA, M.N.; KOLESOV, I.M.; ROZINA, N.Ye.

Cultivation of a strain of diploid cells of the lungs of a human embryo. Vop. virus. 10 no.2:187-191 Mr-Ap '65.

(MIRA 18:10)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

S/081/62/000/024/034/052
B106/B186

AUTHORS: Aronov, Ye. G., Gerner, M. M., Rapoport, R. M.

TITLE: Sielast, a new silicone printing material

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24(II), 1962, 921, abstract 24P763 (Stomatologiya, no. 3, 1962, 78 - 79)

TEXT: Cold-vulcanized polydimethylsiloxane showing a molecular weight of 60000 - 90000 was used as rubber-like printing material. Homogeneous distribution of a catalyst (e.g. $Si(OC_2H_5)_4$) in the past makes it possible to obtain an exact print without deformations. The selection and the proper combination of the fillers strongly influence the physical characteristics of the material (viscosity, elasticity, shrinking). Peppermint oil which mixes well with crude silicone rubber and which influences neither the duration of vulcanization nor the quality of the material is used as corrective substance. Petroleum jelly is used as plasticizer. After 30 min the linear shrinking is 0.05% and after 3 days 0.35%. The material can, therefore, be regarded as non-shrinking. Compared with imported specimens Sielast is characterized by its long storability. [Abstracter's note: Complete translation.]

Card 1/1

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, R.S.

RAPOPORT, R.S.; GULAMOV, A.G., CHALKINA, O.M.

Data on virusologic and serologic study of influenza B. Trudy AMN SSSR 28:151-157 '53. (MLRA 7:8)

1. Iz Otdela virusologii Instituta eksperimental'noy meditsiny AMN SSSR.

(INFLUENZA,
serol. & virusol. aspects)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

Dissertation: "The Effect of Insulin Therapy on a Change in Function of the Vegetative Nervous System in Schizophrenics." Cand Med Sci, Minsk State Medical Inst, 10 Jun 54. Sovetskaya Belorussiya, Minsk, 26 May 54.

SO: SUM 284, 26 Nov 1954

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

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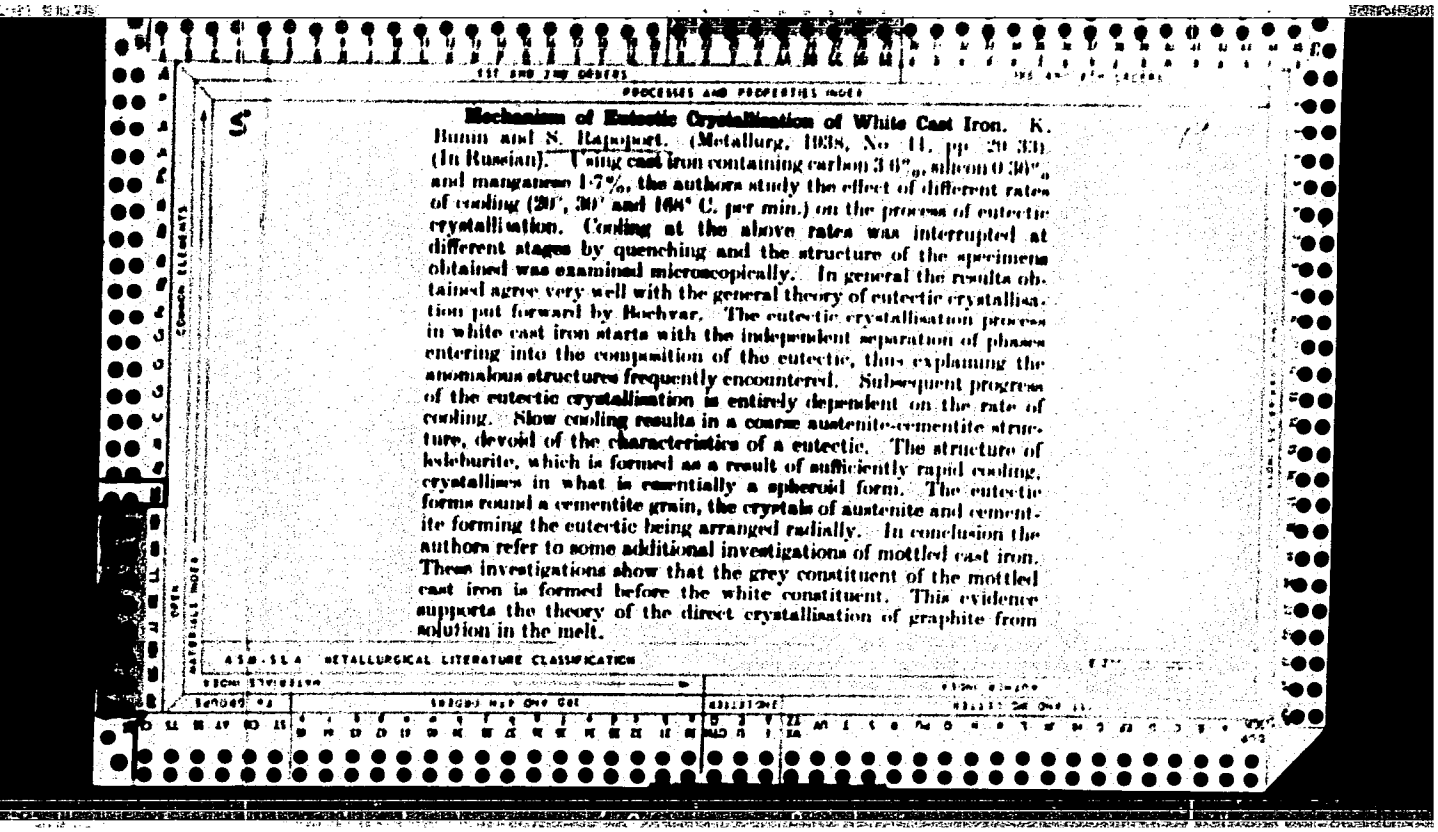

PROCESSES AND PROPERTIES INDEX

5

Mechanism of Eutectic Crystallisation of White Cast Iron. K. Bunin and S. Rapoport. (Metallurg, 1938, No 11, pp 20-33) (In Russian). Using cast iron containing carbon 3·0%, silicon 0·30% and manganese 1·7%, the authors study the effect of different rates of cooling (20°, 30° and 100° C. per min.) on the process of eutectic crystallisation. Cooling at the above rates was interrupted at different stages by quenching and the structure of the specimens obtained was examined microscopically. In general the results obtained agree very well with the general theory of eutectic crystallisation put forward by Bochvar. The eutectic crystallisation process in white cast iron starts with the independent separation of phases entering into the composition of the eutectic, thus explaining the anomalous structures frequently encountered. Subsequent progress of the eutectic crystallisation is entirely dependent on the rate of cooling. Slow cooling results in a course austenite-cementite structure, devoid of the characteristics of a eutectic. The structure of ledeburite, which is formed as a result of sufficiently rapid cooling, crystallises in what is essentially a spheroid form. The eutectic forms round a cementite grain, the crystals of austenite and cementite forming the eutectic being arranged radially. In conclusion the authors refer to some additional investigations of mottled cast iron. These investigations show that the grey constituent of the mottled cast iron is formed before the white constituent. This evidence supports the theory of the direct crystallisation of graphite from solution in the melt.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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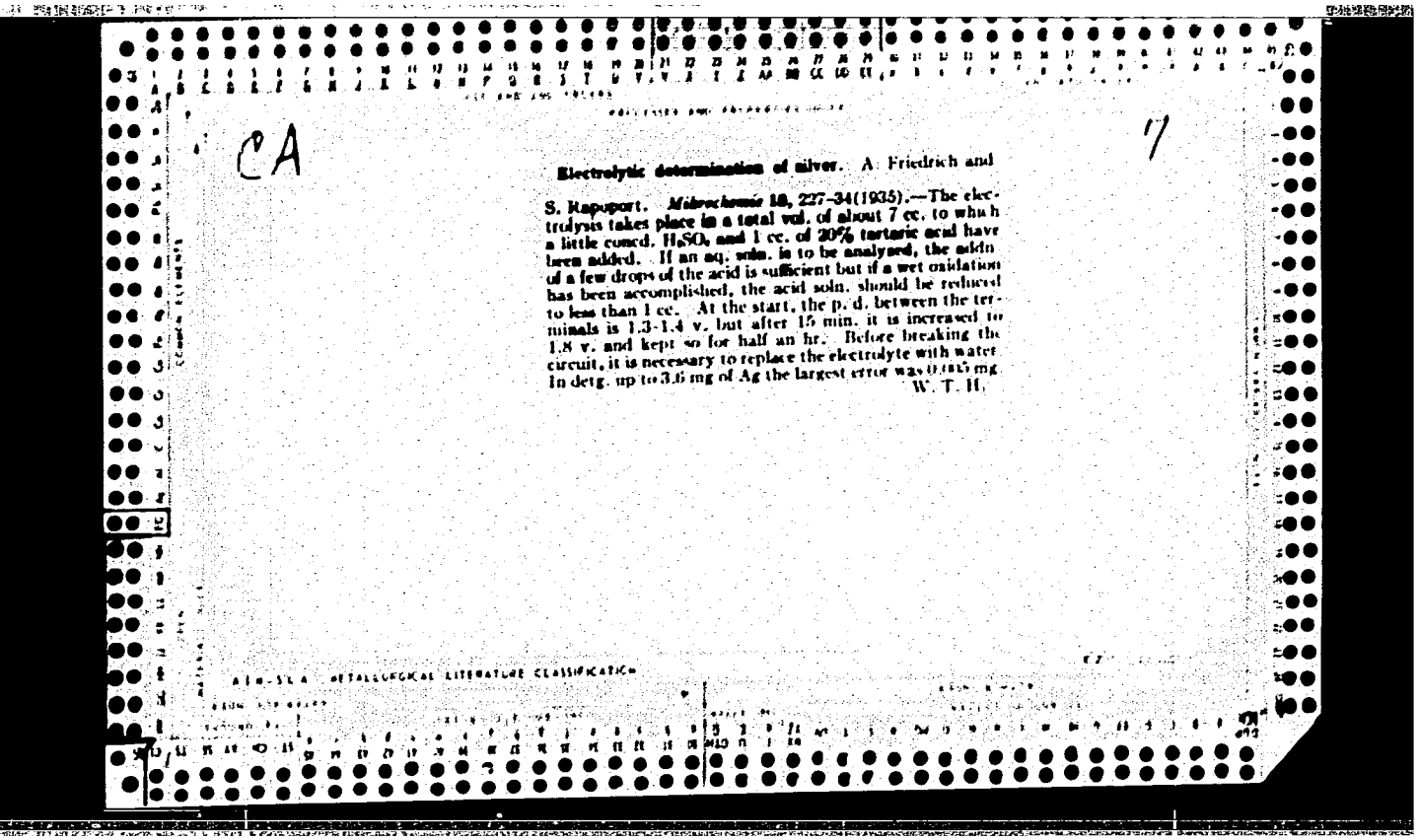

CA

Electrolytic determination of silver. A. Friedrich and S. Rapuport. *Mikrochemie* **18**, 227–34(1935).—The electrolysis takes place in a total vol. of about 7 cc. to which a little concd. H_2SO_4 and 1 cc. of 20% tartaric acid have been added. If an aq. soln. is to be analyzed, the addn of a few drops of the acid is sufficient but if a wet oxidation has been accomplished, the acid soln. should be reduced to less than 1 cc. At the start, the p. d. between the terminals is 1.3–1.4 v. but after 15 min. it is increased to 1.8 v. and kept so for half an hr. Before breaking the circuit, it is necessary to replace the electrolyte with water In detg. up to 3.6 mg of Ag the largest error was 0.085 mg.
W. T. H.

AIM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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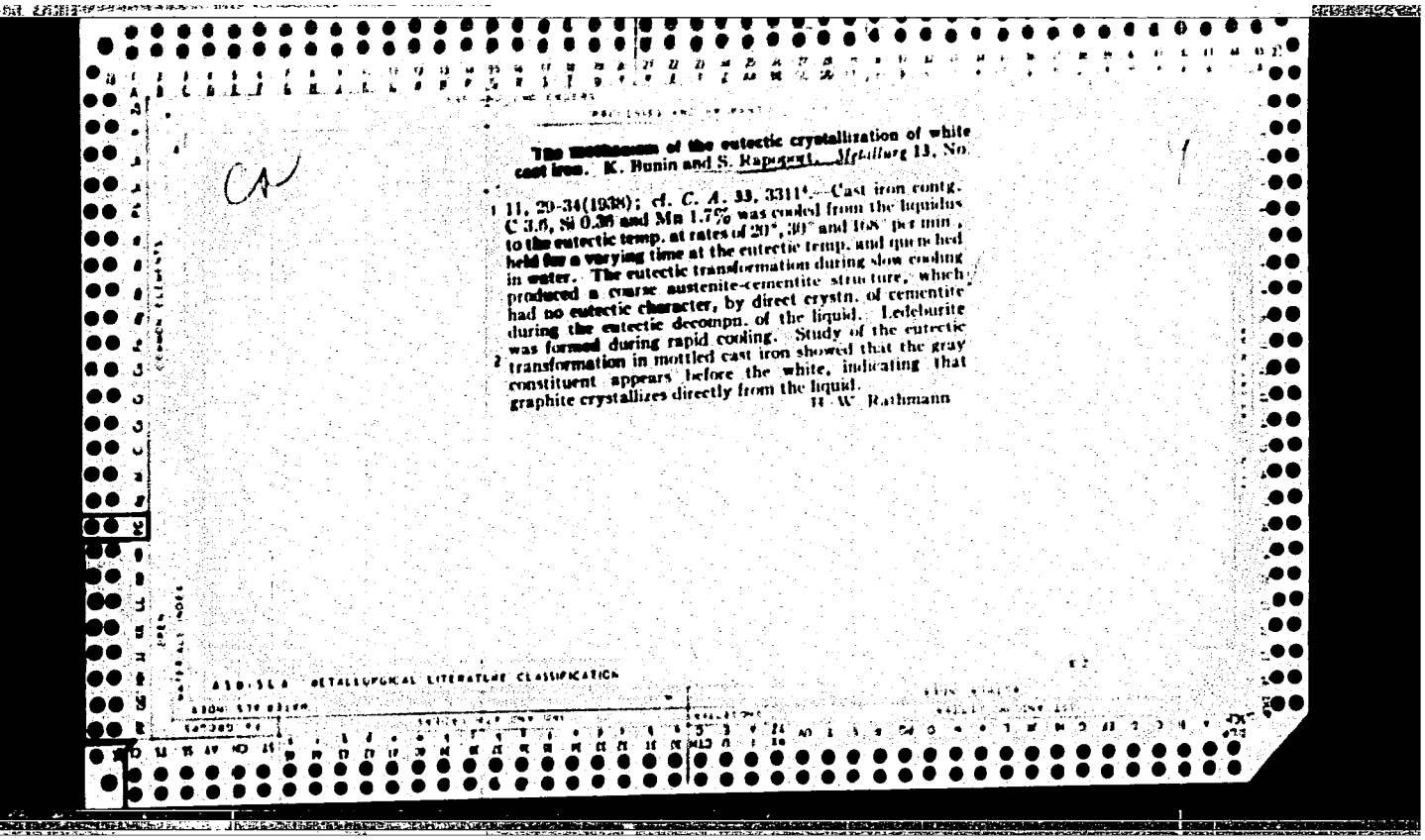


The mechanism of the eutectic crystallization of white cast iron. K. Bunin and S. Rapoport. *Metallurg* 13, No. 11, 29-34(1938); cf. *C. A.* 33, 3311⁴.—Cast iron contg. C 3.6, Si 0.36 and Mn 1.7% was cooled from the liquidus to the eutectic temp. at rates of 20°, 30° and 108° per min., held for a varying time at the eutectic temp. and quenched in water. The eutectic transformation during slow cooling produced a coarse austenite-cementite structure, which had no eutectic character, by direct crystn. of cementite during the eutectic decompn. of the liquid. Ledeburite was formed during rapid cooling. Study of the eutectic transformation in mottled cast iron showed that the gray constituent appears before the white, indicating that graphite crystallizes directly from the liquid.
H. W. Rathmann

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

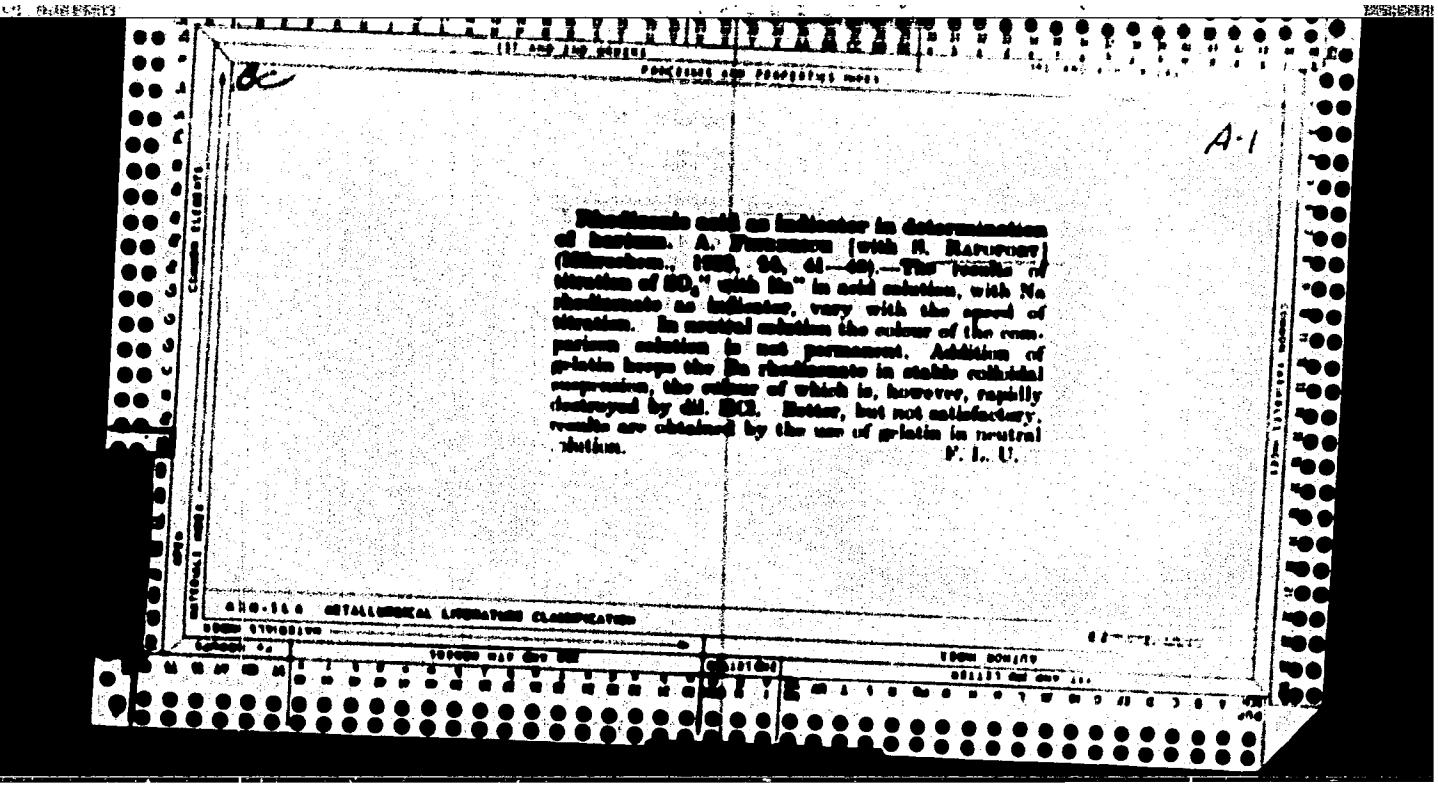
"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

[redacted], S.

K. BUKH, Teoriya i Prakt. Met. No. 8, 66-71, 1937

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344



A-1

Rhodizonic acid as indicator in determination of barium. A. Tananaev [with S. Rafalovich] (Ukrainskem., 1932, 7A, 41—46).—The results of titration of SO_4'' with Ba" in acid solution, with Na rhodizonate as indicator, vary with the speed of titration. In neutral solution the colour of the reagent solution is not permanent. Addition of gelatin keeps the Ba rhodizonate in stable colloidal suspension, the colour of which is, however, rapidly destroyed by dil. HCl. Better, but not satisfactory, results are obtained by the use of gelatin in neutral solution. F. L. U.

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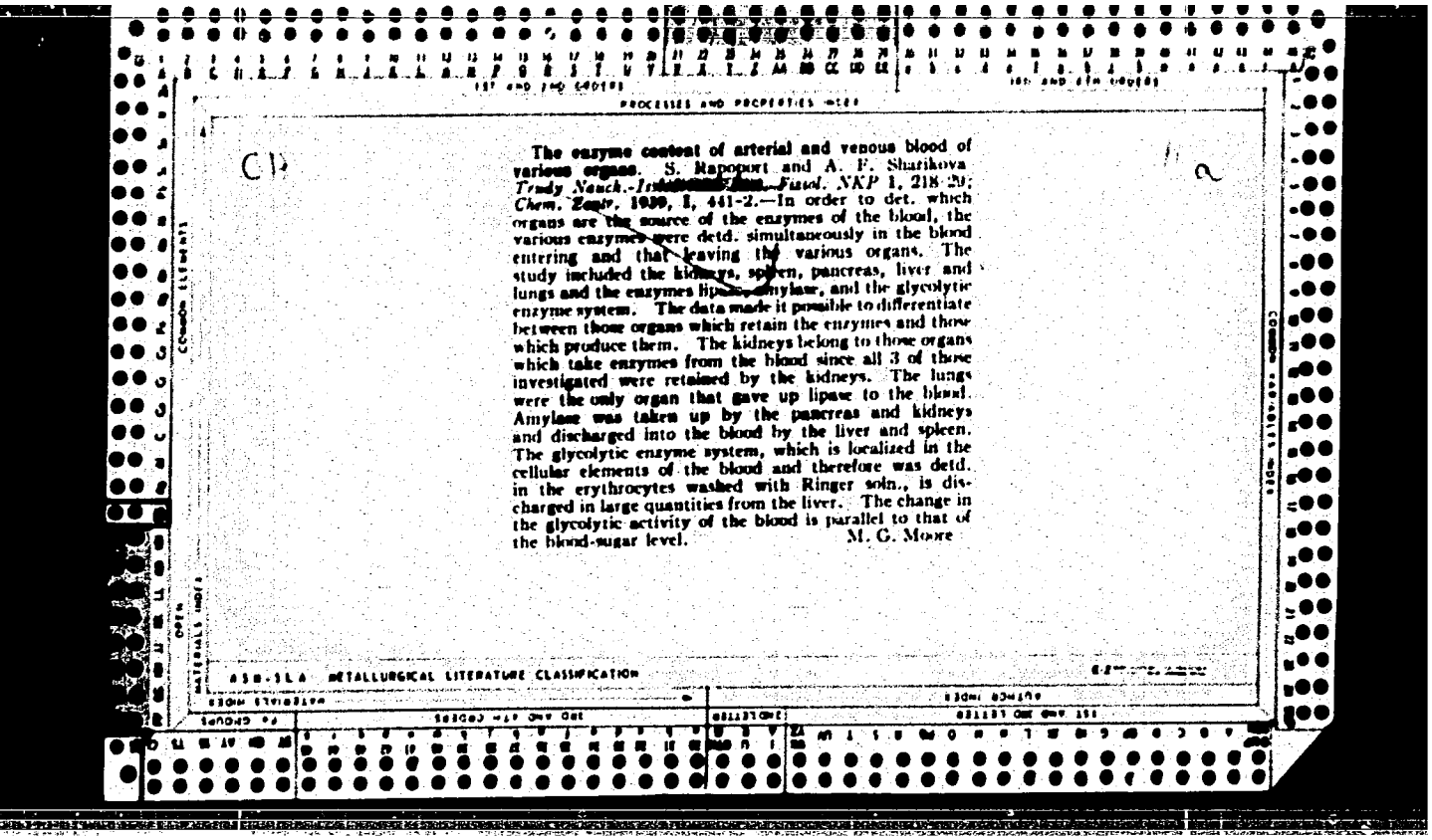

The enzyme content of arterial and venous blood of various organs. S. Rapoport and A. F. Sharikova *Trudy Nauch.-Issledovatel. Inst. Fiziol. NKP* 1, 218-29; *Chem. Zentr.* 1930, I, 441-2.—In order to det. which organs are the source of the enzymes of the blood, the various enzymes were detd. simultaneously in the blood entering and that leaving the various organs. The study included the kidneys, spleen, pancreas, liver and lungs and the enzymes lipase, amylase, and the glycolytic enzyme system. The data made it possible to differentiate between those organs which retain the enzymes and those which produce them. The kidneys belong to those organs which take enzymes from the blood since all 3 of those investigated were retained by the kidneys. The lungs were the only organ that gave up lipase to the blood. Amylase was taken up by the pancreas and kidneys and discharged into the blood by the liver and spleen. The glycolytic enzyme system, which is localized in the cellular elements of the blood and therefore was detd. in the erythrocytes washed with Ringer soln., is discharged in large quantities from the liver. The change in the glycolytic activity of the blood is parallel to that of the blood-sugar level. M. G. Moore

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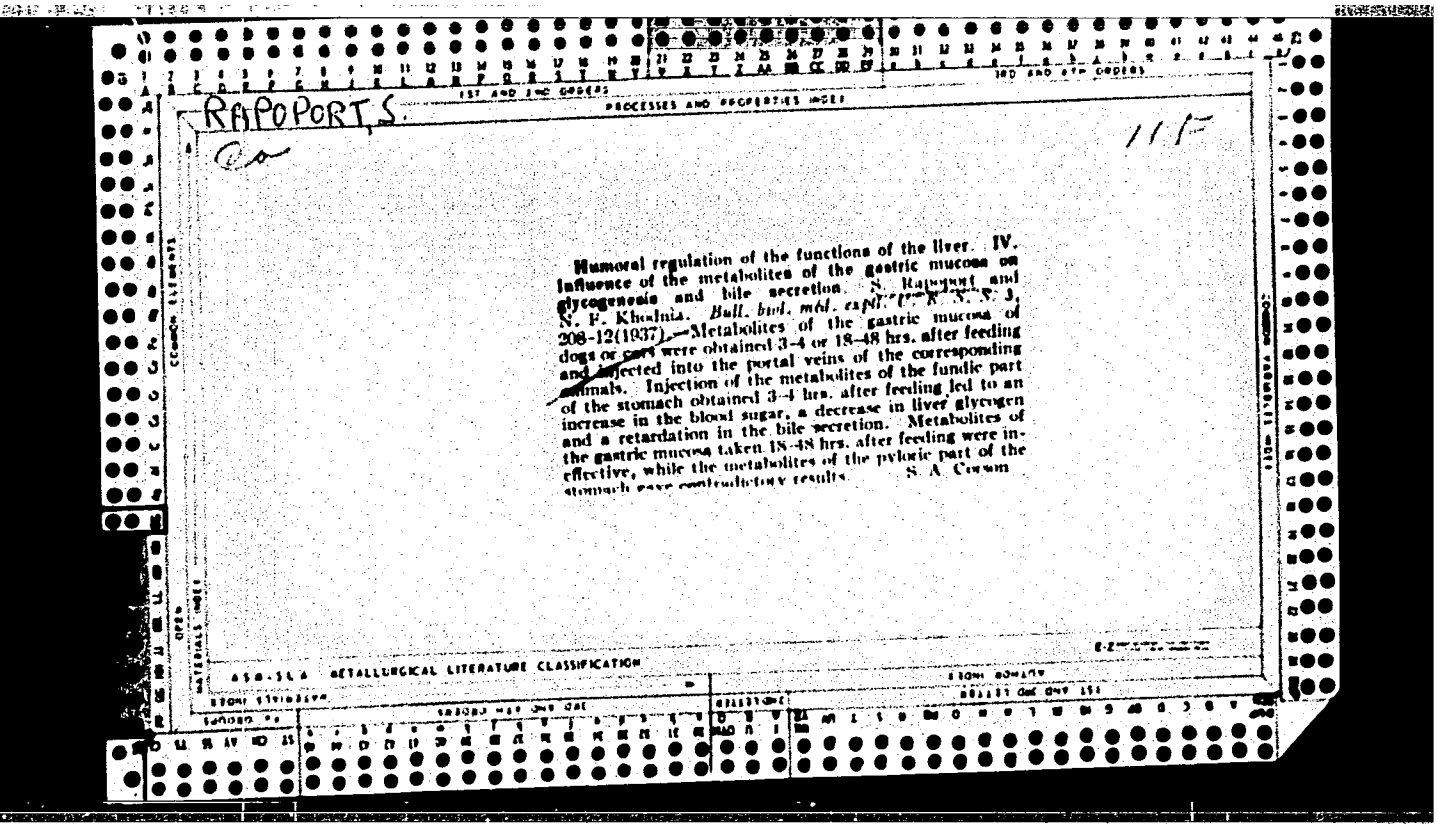

RAPOPORT, S.

Ca

111

Humoral regulation of the functions of the liver. IV. Influence of the metabolites of the gastric mucosa on glycogenesis and bile secretion. S. Rapoport and S. F. Khalnia. *Bull. biol. méd. exptl.* U.R.S.S. 3, 208-12(1937).—Metabolites of the gastric mucosa of dogs or cats were obtained 3-4 or 18-48 hrs. after feeding and injected into the portal veins of the corresponding animals. Injection of the metabolites of the fundic part of the stomach obtained 3-4 hrs. after feeding led to an increase in the blood sugar, a decrease in liver glycogen and a retardation in the bile secretion. Metabolites of the gastric mucosa taken 18-48 hrs. after feeding were ineffective, while the metabolites of the pyloric part of the stomach gave contradictory results. S. A. Cowan

A50-51A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

SHVEYGER, G.; RAPOPORT, S.; pri uchastii Ye. Shel'tsel' i K. Rikhter.

Direct determination of ammonia in trichloroacetic filtrates of formed elements of the blood.[with summary in English] Vop. med. khim. 3 no.1:65-68 Ja-F '57 (MLRA 10:4)

1. Institut fiziologicheskoy khimii Universiteta imeni Gumbol'ta, Berlin.

(BLOOD CELLS
trichloroacetic filtrates, direct method for determination of ammonia)
(AMMONIA, determ.
direct method in trichloracetic filtrate of blood cells, direct method)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S.; GERISCHER-MOTHES, W.; WAGENKNECHT, C.

Occurrence of intracellular inhibitors of tissue respiration [in German with summary in Russian]. Biokhimiia 22 no.1/2:178-182 Ja-F '57. (MLRA 10:7)

1. Institut fiziologicheskoy khimii Gumbol'dtskogo Universiteta, Berlin.

(METABOLISM, TISSUE,
intra-cellular resp. inhibitors (Ger))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S. A.

"Study of the Viscosity of High Condensed Sugar-treacle Solutions," Zhur. Tekh. Fiz., 15, Nos. 4-5, 1945. Mbr., All-Union Confection Sci. Res. Inst. -1944-.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

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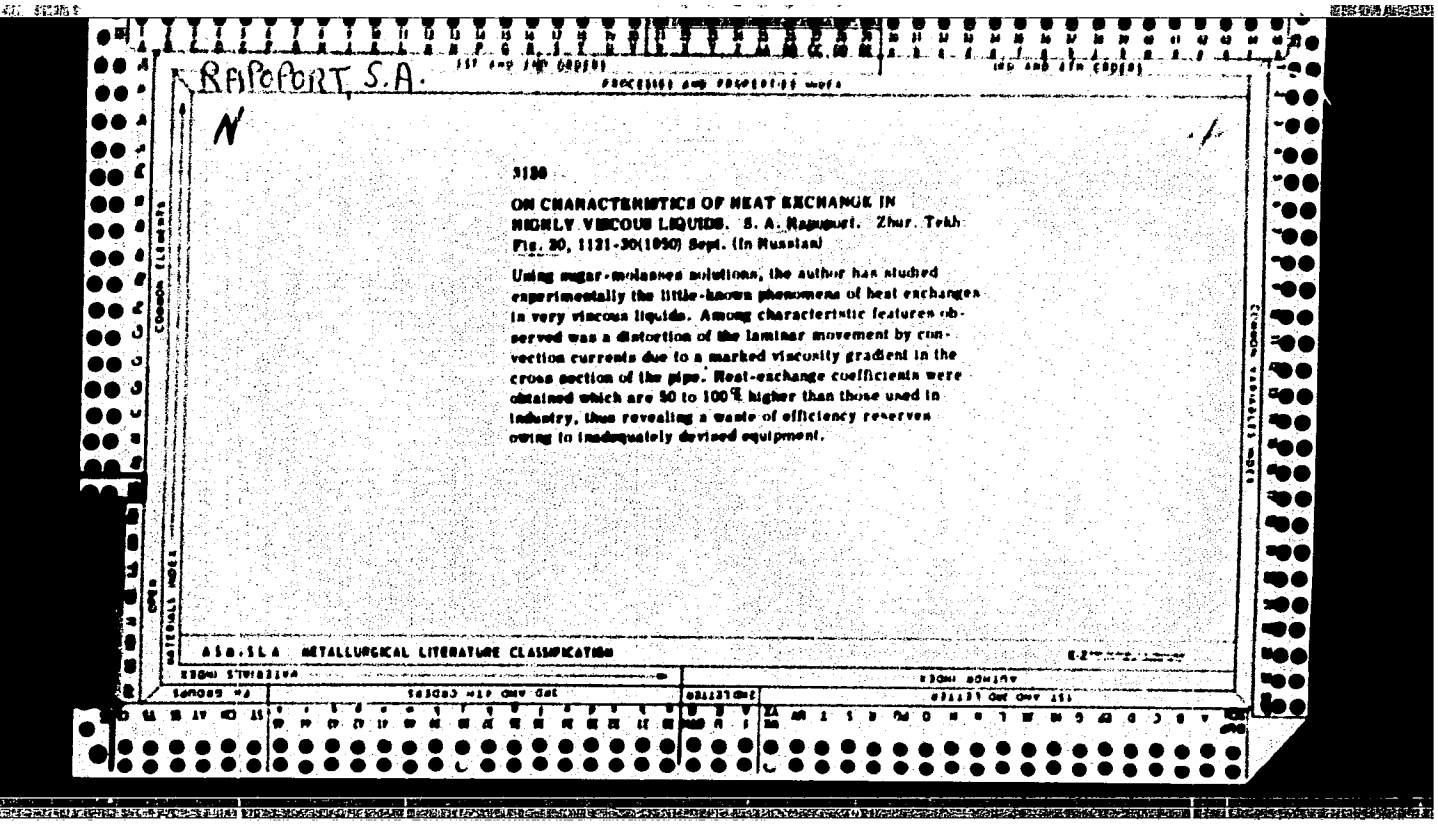

RAPOPORT, S.A.

N

5180

ON CHARACTERISTICS OF HEAT EXCHANGE IN HIGHLY VISCOUS LIQUIDS. S. A. Rapoport. Zhur. Tekh. Fiz. 30, 1121-30(1960) Sept. (In Russian)

Using sugar-molasses solutions, the author has studied experimentally the little-known phenomena of heat exchanges in very viscous liquids. Among characteristic features observed was a distortion of the laminar movement by convection currents due to a marked viscosity gradient in the cross section of the pipe. Heat-exchange coefficients were obtained which are 50 to 100% higher than those used in industry, thus revealing a waste of efficiency reserves owing to inadequately devised equipment.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KAPOPORT, S.A.

RAPOPORT, S.A.; ISTOMINA, M.M., nauchnyy sotrudnik; ROKHLOV, B.G., nauchnyy sotrudnik; BUZINA, G.V., nauchnyy sotrudnik.

Continuous process of producing sugar paste for confectioneries. Trudy VKNII no.9:120-133 '54. (MLRA 7:8)
(Confectionery) (Pastry)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

REPCPORT, S.G.; GOLOTINA, Z.S.; REZNIKOVA, A.I.

Inactivation of penicillin by various inhibitors and the significance of this factor in the treatment of resistant gonorrhea. Vest. vener. No.1:38-43 Jan-Feb 51. (CLML 20:6)

1. Docents S.G.Rapoport and Z.S.Tolotina. 2. Of the Ukrainian Scientific-Research Skin-Venereological Institute.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S.G.; KUZNETSOV, I.D.; MIKHAYLOV, A.N.

Experience in use of some new antibiotic preparations in the therapy of gonorrhea in males. Vest. ven. i derm. no.6:35-38 N-D '54. (MLRA 8:2)

1. Iz Ukrainskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir.-prof. A.M.Krichevskiy) i Khar'kovskogo oblastnogo vendispansera (glav. vrach M.I.Lisin)

(GONORRHEA, therapy
antibiotics)
(ANTIBIOTICS, ther. use
gonorrhea)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S.G., kandidat meditsinskikh nauk; MIKHAYLOV, A.N., nauchnyy sotrudnik; KUZNETSOV, I.D., nauchnyy sotrudnik

Studies on causes of chronic gonorrhea in males with special reference to its course and methods of prevention. Vest.derm. i ven. 31 no.3:38-40 My-Je '57. (MIRA 10:11)

1. Iz Ukrainskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - prof. A.M.Krichevskiy [deceased]) i Khar'kovskogo oblastnogo vendispansera (glavnyy vrach M.I.Lisin)
(GONORRHEA,
course & prev. of chronic cases (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S.I.

Methodology for the use of an abrasive catheter in gastric cytology. Lab. delo no. 11:661-663 '64. (MIRA 17:12)

1. Gastroenterologicheskaya laboratoriya (nauchnyy rukovoditel'- deystvitel'nyy chlen AMN SSSR prof. V.Kh.Vasilenko) AMN SSSR, Moskva.

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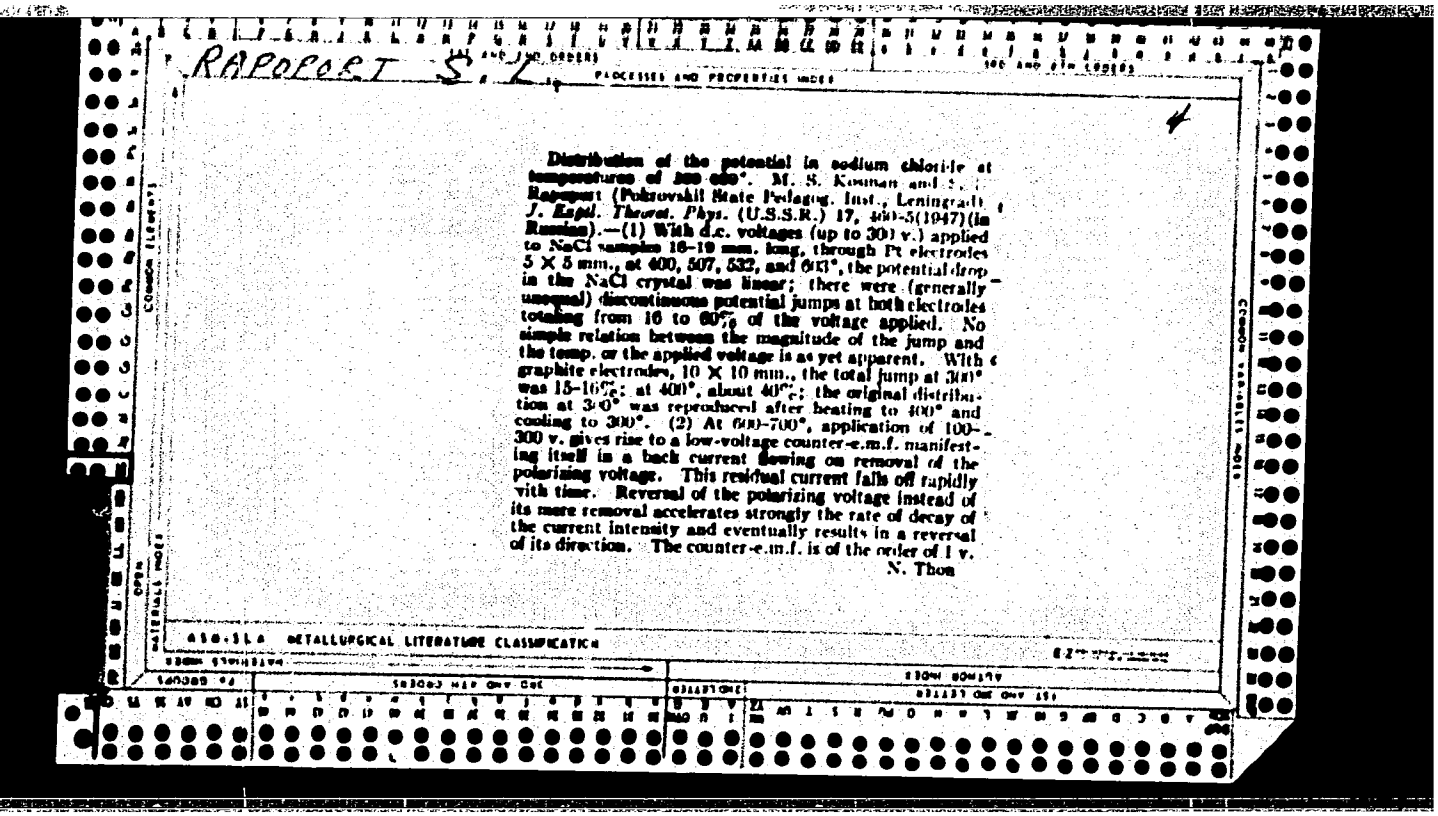

RAPOPORT S. I.

PROCESSES AND PROPERTIES INDEX

Distribution of the potential in sodium chloride at temperatures of 300-600°. M. S. Kosman and S. I. Rapoport (Petrovskii State Pedagog. Inst., Leningrad). *J. Exptl. Theoret. Phys.* (U.S.S.R.) 17, 460-5(1947)(in Russian).—(1) With d.c. voltages (up to 30) v.) applied to NaCl samples 16–19 mm. long, through Pt electrodes 5 × 5 mm., at 400, 507, 532, and 603°, the potential drop in the NaCl crystal was linear; there were (generally unequal) discontinuous potential jumps at both electrodes totaling from 16 to 60% of the voltage applied. No simple relation between the magnitude of the jump and the temp. or the applied voltage is as yet apparent. With c graphite electrodes, 10 × 10 mm., the total jump at 301° was 15–16%; at 400°, about 40%; the original distribution at 300° was reproduced after heating to 400° and cooling to 300°. (2) At 600–700°, application of 100–300 v. gives rise to a low-voltage counter-e.m.f. manifesting itself in a back current flowing on removal of the polarizing voltage. This residual current falls off rapidly with time. Reversal of the polarizing voltage instead of its mere removal accelerates strongly the rate of decay of the current intensity and eventually results in a reversal of its direction. The counter-e.m.f. is of the order of 1 v.

N. Thon

456:51A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S.L.

Comparison of the nonlinearity coefficients of ferroelectrics at temperatures above the Curie point. Uch.zap.Ped.inst.Gerts.no.207: 199-206 '61. (MIRA 16:5)

1. Stalingradskiy gosudarstvennyy pedagogicheskiy institut imeni A.S. Serafimovicha.
(Ferroelectric substances) (Dielectric constant)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S. L., dotsent

Physicochemical study of calcified sawdust. Uch. zap. Volg. gos. ped. inst. no.11:118-125 '59. (MIRA 16:1)

(Wood waste)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

24 7800

S/058/62/000/008/071/134
A061/A101

AUTHOR: Rapoport, S. L.

TITLE: Comparison of nonlinearity factors for ferroelectrics at temperatures above the Curie point

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 19, abstract 8E146 ("Uch. zap. Leningr. gos. ped. in-ta im. A. I. Gertsena", 1961, v. 207, 199 - 206)

TEXT: Results of measurements of the equivalent dielectric constant ε and of the loss angle tangent are presented for Rochelle salt, barium titanate, ВК-1 (VK-1) and ВК-2 (VK-2). The measurements were conducted on a 50-cps МДР (MDP) bridge. The electric field strength varied from 1 to 10 kv/cm. The coefficient β in the expansion $E = 2\alpha P + 2\beta P^3$ was taken as the measure of nonlinearity, where E denotes the electric field strength, and P stands for polarization. The relationship between β and ε is described by the relation $2\pi/\varepsilon = \alpha + \beta P^2$. The values of the nonlinearity factor are given for the materials investigated. β is largest with Rochelle salt and smallest with barium titanate.

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A061/A101

Comparison of nonlinearity factors for...

It is shown that the linear relationship between ϵ and $E_{\sim}$ takes place in some temperature range above the Curie point. This range is narrow for VK-1 and VK-2. Data on the temperature dependence of the β coefficient are given for Rochelle salt and $BaTiO_3$.

V. Rassushin

[Abstracter's note: Complete translation]

Card 2/2

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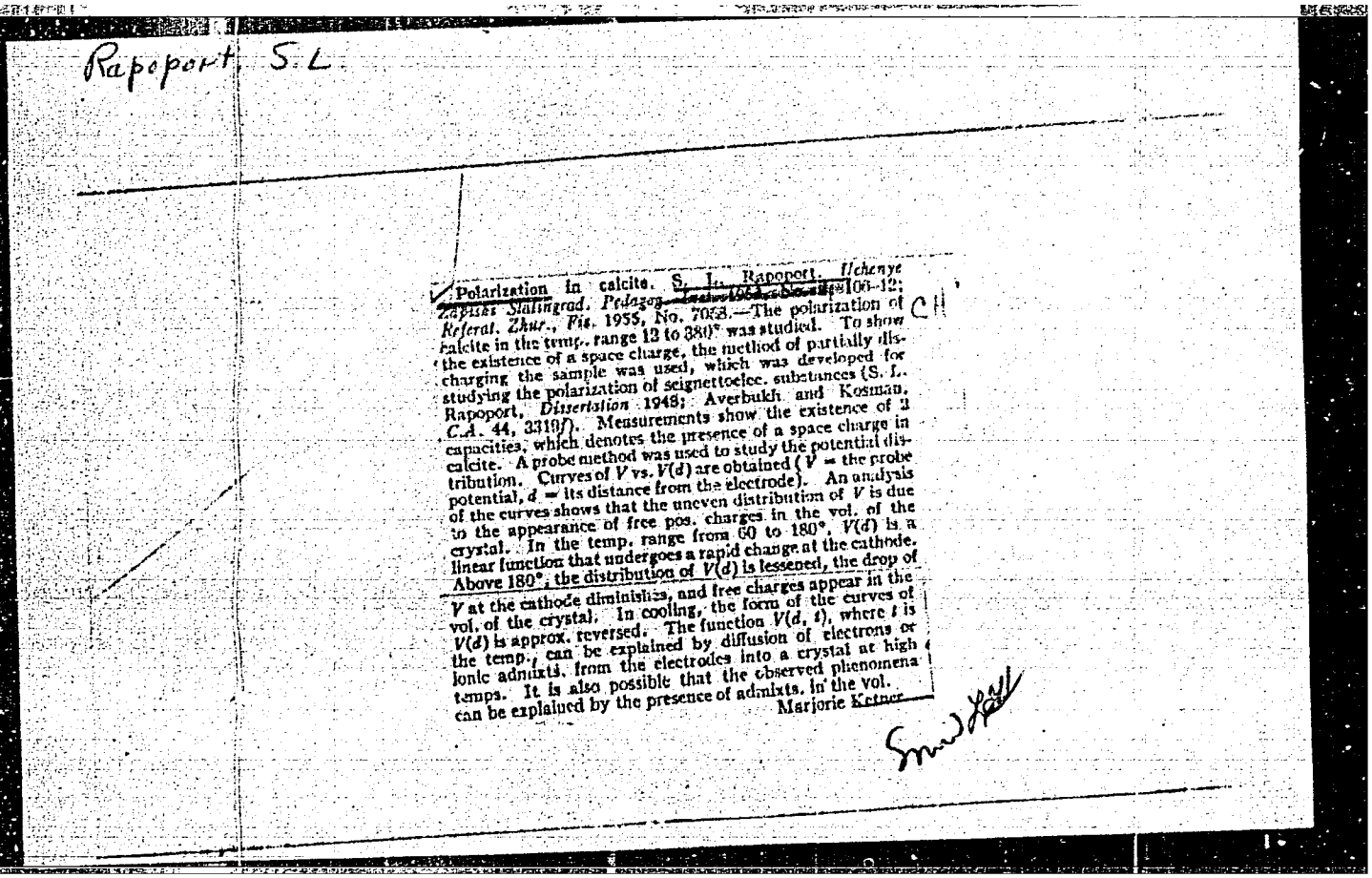

Rapoport, S. L.

Polarization in calcite. S. L. Rapoport. *Uchenye Zapiski Stalingrad. Pedagog. Inst. Fiz.* 1954, No. 1, 105–12; *Referat. Zhur., Fiz.* 1955, No. 7058.—The polarization of calcite in the temp. range 13 to 380° was studied. To show the existence of a space charge, the method of partially discharging the sample was used, which was developed for studying the polarization of seignettoelec. substances (S. L. Rapoport, *Dissertation* 1948; Averbukh and Kosman, *C.A.* 44, 3310*f*). Measurements show the existence of 3 capacities, which denotes the presence of a space charge in calcite. A probe method was used to study the potential distribution. Curves of V vs. $V(d)$ are obtained (V = the probe potential, d = its distance from the electrode). An analysis of the curves shows that the uneven distribution of V is due to the appearance of free pos. charges in the vol. of the crystal. In the temp. range from 60 to 180°, $V(d)$ is a linear function that undergoes a rapid change at the cathode. Above 180°, the distribution of $V(d)$ is lessened, the drop of V at the cathode diminishes, and free charges appear in the vol. of the crystal. In cooling, the form of the curves of $V(d)$ is approx. reversed. The function $V(d, t)$, where t is the temp., can be explained by diffusion of electrons or ionic admixts. from the electrodes into a crystal at high temps. It is also possible that the observed phenomena can be explained by the presence of admixts. in the vol.

Marjorie Ketner

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L 3550-66 EWT(1)/EWA(h) GW

ACCESSION NR: AP5024437 UR/0286/65/000/015/0169/0169

AUTHOR: Rapoport, S. R. 44,55

TITLE: Suspension for horizontal seismometric instruments. Class 42, No. 67333 12,44,55 23 B

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 169

TOPIC TAGS: seismologic instrument, earthquake

ABSTRACT: This Author Certificate presents a suspension for horisontal seismometric instruments with an inertial mass. To obtain the low frequency of the natural oscillations of the inertial mass of the seismometric instrument, the suspension is in the form of a hinged triple section mechanism. The middle section is fastened to the inertial mass, and the outer two sections are hinged respectively to the upper and lower supports of the suspension, insuring the motion of the inertial mass in a single plane. To change the frequency of the natural oscillations of the inertial mass within certain limits, the middle section of the hinged triple section mechanism is coupled with the inertial mass with the possibility of the latter's adjustment along the section.

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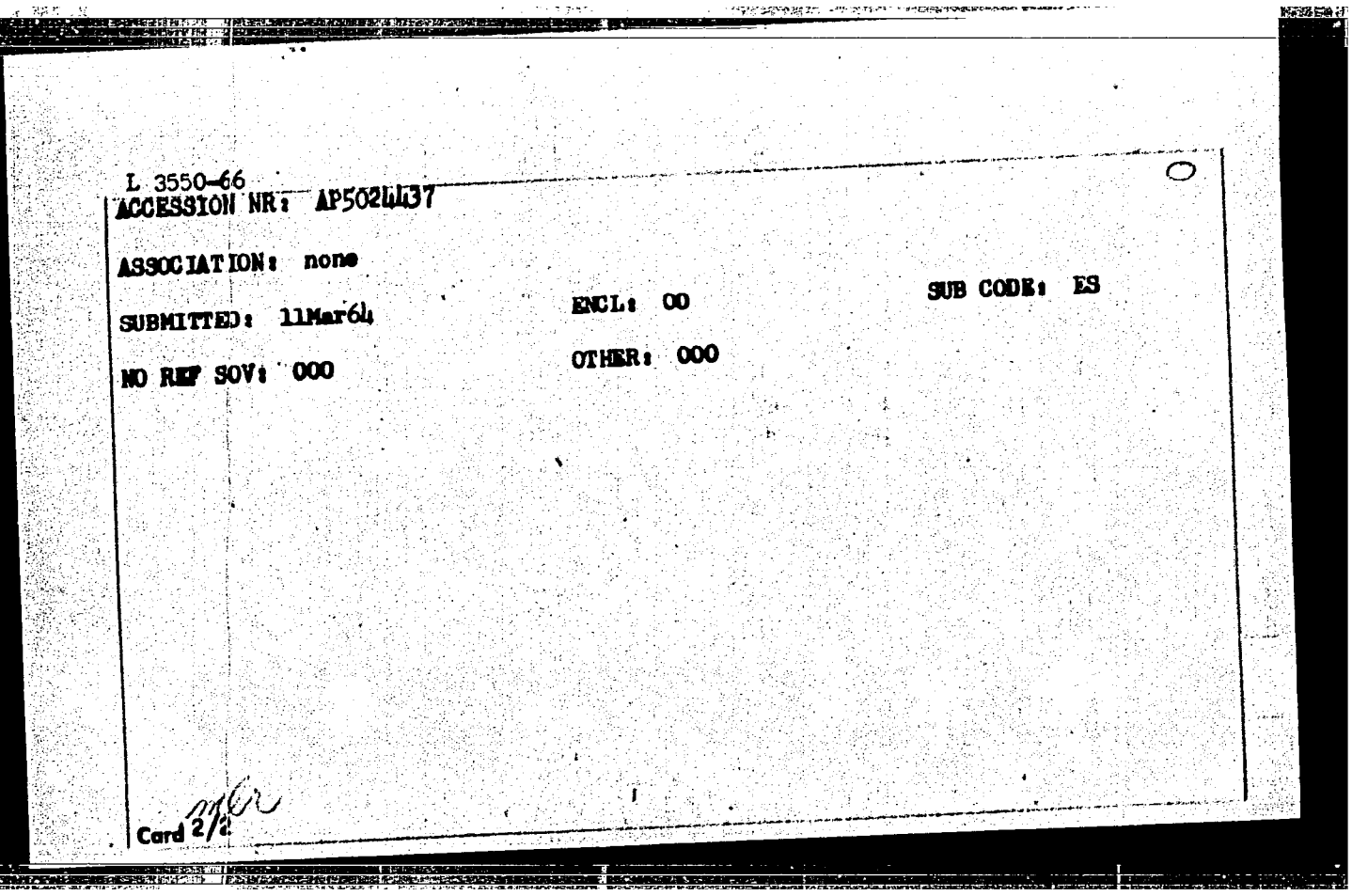

L 3550-66
ACCESSION NR: AP5024437

ASSOCIATION: none

SUBMITTED: 11Mar64 ENCL: 00 SUB CODE: ES

NO REF SOV: 000 OTHER: 000

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S.R.

Electrical modeling of ventilation in mine workings. Vop. bezop. v ugol'. shakh. 1:184-191 '59. (MIRA 17:12)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S.R.

POLYANSKIY, V.A., kandidat meditsinskikh nauk; RAPOPORT, S.R., inzhener; YUDAYEV, Yu.I.

A portable aspiration pump. Khirurgiia no.10:65-66 O '54. (MLRA 8:1)

1. Iz Novosibirskoy stantsii perelivaniya krovi (dir.-kand. med. nauk B.A.Polyanskiy) laboratorii Novosibirskogo instituta mer i izmeritel'nykh priborov (rukovod. C.R.Rapoport) i onkolog. otdel. obl. bol'nitsy (zav. Yu.I.Yudayev)

(ASPIRATION, apparatus and instruments
portable aspiration pump)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KUZNETSOV, Yu.V.; RAPOPORT, S.P.

Programmed unit of a temperature regulator. Priborostroenie no.6:27-28 Je '57. (MIRA 10:7)
(Thermostat)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

VINIOLI, Ivan Ivanovich; RAPOPORT, S.I., inzh., retsenzent; LIPOVETSKIY, I.A., inzh., retsenzent [deceased]; MOROZOV, I.M., inzh., retsenzent; SINEL'NIKOV, G.V., inzh., retsenzent; GARBUZOV, N.A., inzh., reysenzent; KOSHMAN, Ye.G., inzh., retsenzent; GURVITS, A.I., inzh., red.; GOLYATKINA, A.G., red. izd-va; ATTOPOVICH, M.K., tekhn. red.

[Mechanical and conveyor equipment of steel smelting plants] Mekhanicheskoe i transportnoe oborudovanie staleplavil'nykh tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 432 p. (MIRA 14:10)
(Open-hearth furnaces--Equipment and supplies)
(Materials handling)

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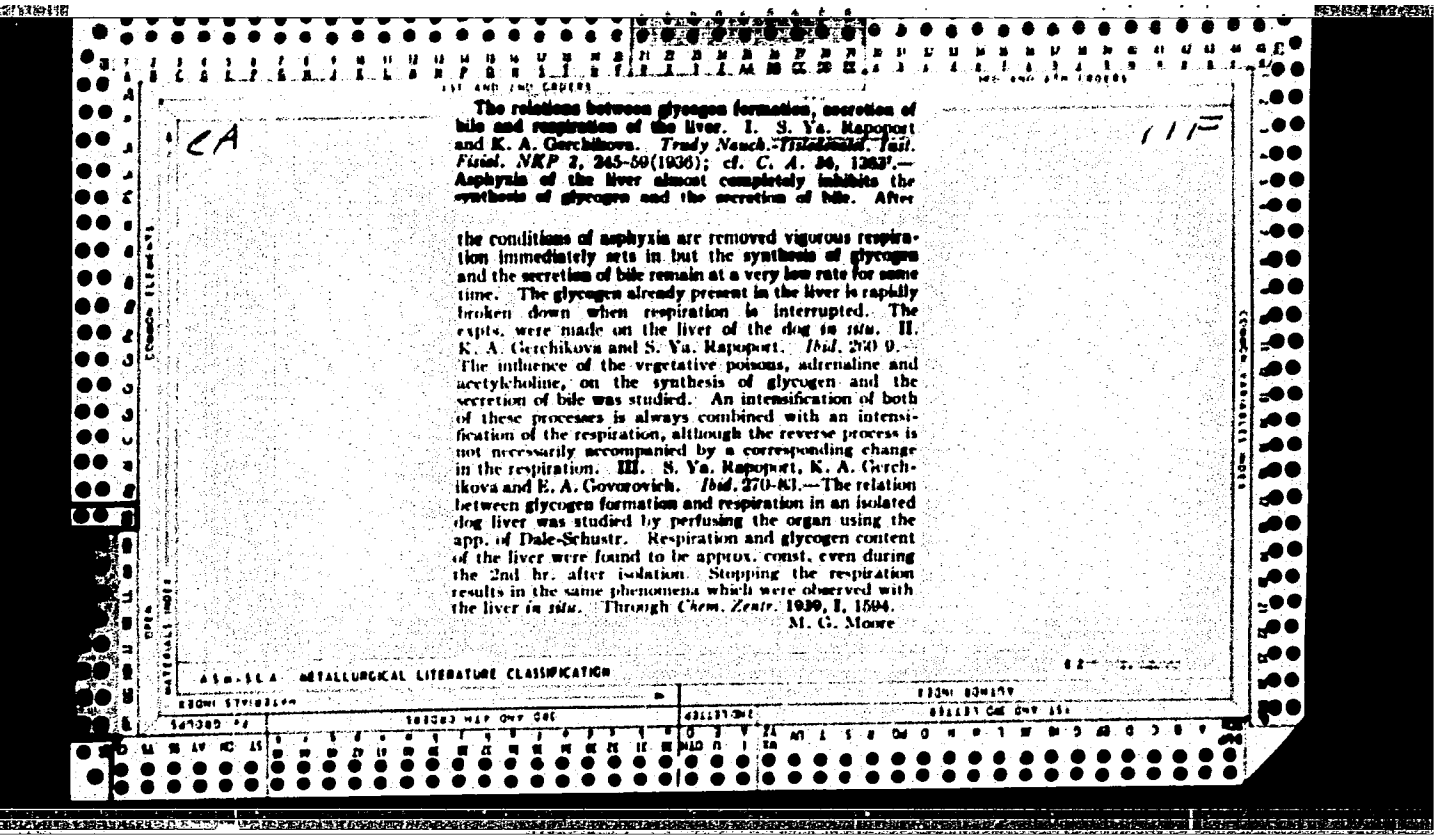

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The relations between glycogen formation, secretion of bile and respiration of the liver. I. S. Ya. Rapoport and K. A. Gerchikova. *Trudy Nauch.-Issledovatel. Inst. Fiziol. NKP* 2, 245–59(1936); *cf. C. A.* 30, 1383⁷.—Asphyxia of the liver almost completely inhibits the synthesis of glycogen and the secretion of bile. After the conditions of asphyxia are removed vigorous respiration immediately sets in but the synthesis of glycogen and the secretion of bile remain at a very low rate for some time. The glycogen already present in the liver is rapidly broken down when respiration is interrupted. The expts. were made on the liver of the dog *in situ*. II. K. A. Gerchikova and S. Ya. Rapoport. *Ibid.* 260 9.—The influence of the vegetative poisons, adrenaline and acetylcholine, on the synthesis of glycogen and the secretion of bile was studied. An intensification of both of these processes is always combined with an intensification of the respiration, although the reverse process is not necessarily accompanied by a corresponding change in the respiration. III. S. Ya. Rapoport, K. A. Gerchikova and E. A. Govorovich. *Ibid.* 270–83.—The relation between glycogen formation and respiration in an isolated dog liver was studied by perfusing the organ using the app. of Dale-Schustr. Respiration and glycogen content of the liver were found to be approx. const. even during the 2nd hr. after isolation. Stopping the respiration results in the same phenomena which were observed with the liver *in situ*. Through *Chem. Zentr.* 1939, I, 1504.

M. G. Moore

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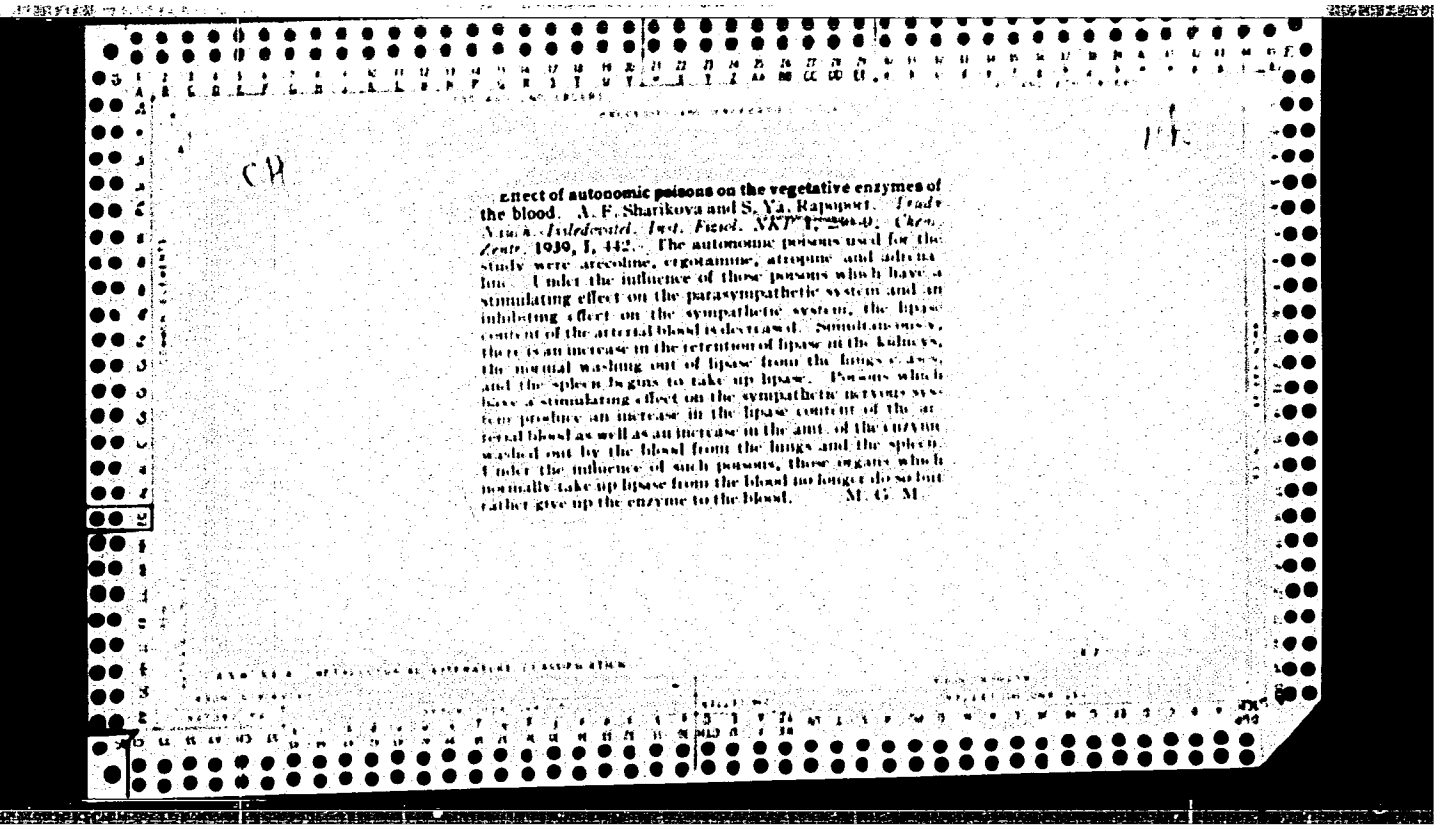

Effect of autonomic poisons on the vegetative enzymes of the blood. A. F. Sharikova and S. Ya. Rapoport. *Trudy Nauch. Issledovatel. Inst. Fiziol. NKP* [illegible]. *Chem. Zentr.* 1930, I, 442.—The autonomic poisons used for the study were arecoline, ergotamine, atropine and adrenaline. Under the influence of those poisons which have a stimulating effect on the parasympathetic system and an inhibiting effect on the sympathetic system, the lipase content of the arterial blood is decreased. Simultaneously, there is an increase in the retention of lipase in the kidneys, the normal washing out of lipase from the lungs ceases, and the spleen begins to take up lipase. Poisons which have a stimulating effect on the sympathetic nervous system produce an increase in the lipase content of the arterial blood as well as an increase in the amt. of the enzyme washed out by the blood from the lungs and the spleen. Under the influence of such poisons, those organs which normally take up lipase from the blood no longer do so but rather give up the enzyme to the blood. M. G. M.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAPOPORT, S. Ya. Physician, Dr. Med, Sci.

Dissertation: "Role of Metabolites of the Stomach Mucous Membrane in the Regulation of Certain Physiological Processes (Blood Circulation, Blood Formation, Stomach Secretion). Second Moscow State Medical Inst. imeni I. V. Stalin, 27 Jan 47.

SO: Vechernyaya Moskva, Jan, 1947 (Project #17836)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KAPOPORT, S.YA.

SHTERN, L.S.; KAPOPORT, S.Ya.; GROMAKOVSKAYA, M.M.; ZUBKOVA, S.R.

Effect of X-irradiation on the permeability of histohemic barriers [with summary in English]. Biofizika 2 no.2:187-196 '57. (MLRA 10:6)

1. Institut biologicheskoy fiziki Akademii nauk SSSR, Moskva.
(X RAYS--PHYSIOLOGICAL EFFECT) (CAPILLARIES)
(PERMEABILITY)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KASSIL', G.N.; RAPOPORT, S.Ya.; ROSIN, Ya.A.

Lina Solomonovna Shtern; 80th anniversary of her birth. Fiziol.zhur. 45 no.2:216-219 F '59. (MIRA 12:3)
(BIOGRAPHIES, Shtern, Lina S (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

17(1), 21(3) SOV/20-126-3-67/69

AUTHORS: Shtern, L. S., Academician, Rapoport, S. Ya., Gromakovskaya, M. M.

TITLE: The Importance of the Nervous System for the Change of Permeability of the Histo-hematic Barriers Under the Effect of Irradiation (Rol' nervnoy sistemy v izmenenii pronitsayemosti gisto-gematicheskikh bar'yerov pri obluchenii)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 3, pp 699 - 702 (USSR)

ABSTRACT: In previous papers by the authors (Refs 1,2), it was ascertained that a single total irradiation of animals with a lethal dosis of X-rays leads to early changes as mentioned in the title. A previous introduction of novocaine, atropine or morphine prevents these changes of the barriers mentioned in the title (HHB). The present investigation clarifies the problem of whether the protective effect of the neurotropic substances is maintained in case of their introduction a f t e r the irradiation; further - what effect such an introduction b e f o r e and a f t e r the irradiation has on the duration of life of the animals exposed to rays. The

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e f f e c t on the HHB- p e r m e a b i l i t y. As table 1 shows, the nervous mechanism play an important part in the rise and further development of permeability variations of the HHB produced by irradiation (in agreement with Refs 3-13). As at a screening of the belly region no HHB-permeability changes due to irradiation take place, tests were carried out to examine whether these changes are caused by disturbances of the organs in the belly due to irradiation. The receivers of the belly were isolated by the introduction of 1.0 ml of anaesthetics (Ref 14) 17-18 hours after the irradiation. From the results (Table 2) it can be seen that the irradiation of the animals after the isolation of the receivers does not bring about an increase in the HHB-permeability. E f f e c t of the i n t r o-d u c t i o n of n e u r o t r o p i c s u b s t a n c e s on the s u r v i v a l of a n i m a l s e x p o s e d t o r a y s. These substances were introduced 10-15 min before, or 5 min after, the irradiation (novocaine - 20 mg per animal, atropine - 1 mg, and morphine - 10 mg per animal). Table 3 shows that only the morphine has a distinct influence on the survival of animals exposed to rays. This protective effect is

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attributed to a tissue hypoxy brought about by an inhibition of the breathing center. Such mechanism presupposes its interference already during the irradiation. This is confirmed by a saving of the animals only if the morphine is introduced b e f o r e the irradiation. Both the results of the authors and the publication references lead to the conclusion that the protective effect of novocaine is brought about by the isolation of the receiving portion of the reflexes which are produced by irradiation due to a change in the chemism of organs and tissues. There are 3 tables and 22 references, 12 of which are Soviet.

SUBMITTED: March 18, 1959

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

.17 (1), 21 (3)

AUTHORS: Gromakovskaya, M. M., Krichevskaya, Ye. I., Rapoport, S. Ya. SOV/20-126-4-52/62

TITLE: The Effect of Antihistamine Preparations on the Development of Some Early Ray Disturbances (Vliyaniye antigistaminnykh preparatov na razvitiye nekotorykh rannikh luchevykh narusheniy)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 4, pp 876-879 (USSR)

ABSTRACT: The importance of histamine for the development of a radiation syndrome (Refs 1-8) has not yet been fully clarified: different investigators have different opinions about the efficiency of histamine preparations in radiation sickness. In previous papers (Refs 14, 15) it was proved that already 5 minutes after irradiation a rise in level of the free histamine occurs in various tissues. Their histaminepexy [gistaminopeksicheskaya] power (HPP) decreases. These changes in the chemical composition of the immediate medium of organs and tissues may be important for the origin of various disturbances in the organism irradiated. To investigate this problem, antihistamine preparations (Dimedrol and pernovine) were administered to white rats before irradiation. All investigations were carried out 45

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minutes after irradiation. The results were summarized as follows: Effect of antihistamine preparations on: 1) the level of free histamine, and on the HPP of the tissues of the animals irradiated (Refs 14, 15) (Table 1); 2) the permeability of the histohematic barriers (HHB) (Table 3); 3) the reflex excitability of the center of the n. vagus (Table 4); 4) the reaction of the marrow of the bones at total irradiation (Table 5). The results found by the authors show that the administration of the said antihistamine preparations not only prevents the rise in level of free histamine in tissues but also the permeability disturbance of the HHB and the change in the functional state of the vagus center. Finally the early damages to the marrow of the bones are weakened. Thus, it is possible - by lowering the level of free histamine originating in the tissues of the animals irradiated - to interrupt the chain of reactions which effect the appearance and development of various ray

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damages. On the other hand, the results obtained cannot be regarded - due to the complicated action of various antihistamine preparations - as an undisputed proof of the fact that histamine plays an important part in early radiation reactions. According to publication references (Ref 18), such histamine preparations as prometazine and chlorpromazine also inhibit the release of 5-hydroxy-tryptamine. Further investigations are necessary to decide this problem. There are 5 tables and 18 references, 4 of which are Soviet.

ASSOCIATION: Institut biologicheskoy fiziki Akademii nauk SSSR (Institute of Biological Physics of the Academy of Sciences, USSR)

PRESENTED: March 5, 1959, by L. S. Shtern, Academician

SUBMITTED: March 5, 1959

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013442